



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Sunshine Windows Manufacturing, Inc.
1745 W. 33rd Place
Hialeah, FL 33012

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "1650 (XO)" Aluminum Horizontal Sliding Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. HS08-01, titled "Series 1650 Aluminum Horizontal Sliding Window (XO) Impact Resistant Glass", sheets 01 through 07 of 07, dated 03/14/08, with the latest revision "2" dated 11/18/14, prepared by manufacturer, dated 04/25/15, signed and sealed by Francisco Hernandez, P. E., bearing the Miami-Dade County Product Control Section Revision stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 12-0320.06 and consists of this page 1 and evidence pages E-1 and E-2, and as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime D. Gascon, P. E.

Miami Dade County Department of Regulatory And Economic Resources - Job Copy

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NOA04-05052017.PDF

J. Gascon
5/6/15

Review
4/27/17

NOA No. 14-1204.11

Expiration Date: April 10, 2018

Approval Date: May 14, 2015

Page 1

Sunshine Windows Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 08-0107.08)
2. Drawing No. **HS08-01**, titled "Series 1650 Aluminum Horizontal Sliding Window (XO) Impact Resistant Glass", sheets 01 through 07 of 07, dated 03/14/08, with the latest revision "2" dated 11/18/14, prepared by manufacturer, dated 04/25/15, signed and sealed by Francisco Hernandez, P. E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94.
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.'s **FTL-5331**, dated 09/18/07 and **FTL-5015**, dated 07/27/07, signed and sealed by Carlos S. Rionda, P. E.
(Submitted under previous NOA No. 08-0107.08)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)**, prepared by Sunshine Windows Manufacturing, Inc., dated 11/09/14, signed and sealed by Francisco Hernandez, P. E.
2. **Glazing complies with ASTM E1300-04/ 09**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.10** issued to **Kuraray America, Inc.** for their "Kuraray PVB Glass Interlayer", expiring on 12/11/16.

F. STATEMENTS

1. Statement letter of conformance to, of complying with **FBC 5th Edition (2014)** and of no financial interest, dated 11/10/14, signed and sealed by Francisco Hernandez, P. E.
2. Statement letter of conformance to, of complying with **FBC-2010** and of no financial interest, dated 03/12/12, signed and sealed by Francisco Hernandez, P. E.
(Submitted under previous NOA No. 12-0320.06)


Jaime D. Gascon, P. E.

Product Control Section Supervisor
NOA No. 14-1204.11

Miami Dade County Department of Regulatory And Economic Resources - 100 Copy

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Expiration Date: April 10, 2018

Approval Date: May 14, 2015

NOA04-05052017.PDF

Sunshine Windows Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

3. Laboratory compliance letter for Test Reports No.'s **FTL-5331**, dated 09/18/07 and **FTL-5015**, dated 07/27/07, issued by Fenestration Testing Laboratory, Inc., signed and sealed by Carlos S. Rionda, P. E.
(Submitted under previous NOA No. 08-0107.08)

G. OTHERS

1. Notice of Acceptance No. **12-0320.06**, issued to Sunshine Windows Manufacturing, Inc. for their Series "1650 Aluminum Horizontal Sliding Window - L.M.I.", approved on 05/17/12 and expiring on 04/10/18.



Jaime D. Gascon, P. E.

Product Control Section Supervisor

NOA No. 14-1204.11

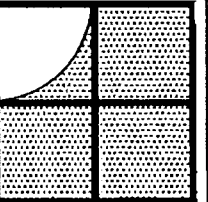
Expiration Date: April 10, 2018

Approval Date: May 14, 2015

Miami Dade County Department of Regulatory And Economic Resources - Job Copy

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NOA04-05052017.PDF



Sunshine Windows
Manufacturing, Inc.
1745 W. 33rd Place
Hialeah, Florida 33012
Ph: (305)364-9952
Fax: (305)828-5118

**SERIES 1650 ALUMINUM
HORIZONTAL SLIDING WINDOW (XO)
IMPACT RESISTANT GLASS**

No	DATE	REVISION	FOR 2010 FBC	REVISION IN COMPLIANCE WITH FBC 5TH EDITION (2014)
1	03-05-12	UPDATED	FOR 2010 FBC	
2	11-18-14			

DRAWING No.
HS08-01

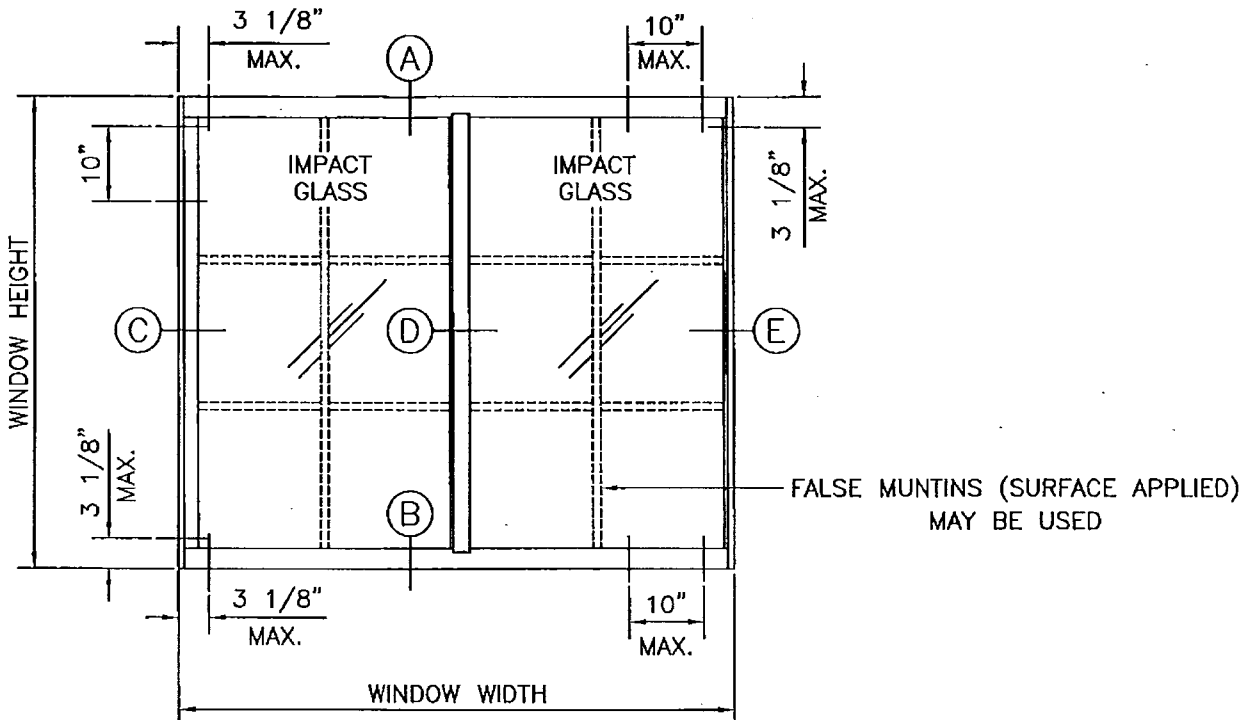
DATE: 03-14-08
SCALE: 1/2"=1"

SHEET 1 OF 7

DESIGN PRESSURES CHART - PSF

**HEAT STRENGTHENED LAMINATED IMPACT
RESISTANT GLASS**

WINDOW DIMENSION		ANCHOR SCHEDULE		HURRICANE PROTECTION IS NOT REQUIRED			
				1 3/4" SILL		3" SILL	
WIDTH	HEIGHT	PER HEAD & SILL	PER JAMB	EXT.	INT.	EXT.	INT.
26 1/2" 37" 53 1/8" 74"	26"	4	3	53.33	120.00	80.00	120.00
		5		53.33	120.00	80.00	120.00
		6		53.33	119.30	80.00	119.3
		8		53.33	90.0	80.00	90.00
26 1/2" 37" 53 1/8" 74"	38 3/8"	4	5	53.33	120.0	80.00	120.00
		5		53.33	120.0	80.00	120.00
		6		53.33	95.50	80.00	95.50
		8		53.33	78.90	78.90	78.90
37" 53 1/8" 74"	50 5/8"	5	6	53.33	104.70	80.00	104.70
		6		53.33	88.40	80.00	88.40
		8		53.33	67.30	67.30	67.30
		5	7	53.33	88.20	80.00	88.20
53 1/8" 74"	63"	6		53.33	75.00	75.00	75.00
		8		53.33	62.00	62.00	62.00
24" 36" 48" 60" 72"	24"	3	3	53.33	120.0	80.00	120.0
		4		53.33	120.0	80.00	120.0
		6		53.33	120.0	80.00	120.0
		7		53.33	120.00	80.00	120.0
		8		53.33	90.00	80.00	90.00
24" 36" 48" 60" 72"	36"	3	4	53.33	120.00	80.00	120.0
		4		53.33	120.00	80.00	120.0
		6		53.33	120.00	80.00	120.0
		7		53.33	99.90	80.00	99.90
		8		53.33	88.60	80.00	88.60
36" 48" 60" 72"	48"	4	6	53.33	100.40	80.00	100.40
		6		53.33	93.90	80.00	93.90
		7		53.33	87.00	80.00	87.00
		8		53.33	74.30	74.30	74.30
		4	7	53.33	90.00	80.00	90.00
48" 60"	60"	6		53.33	83.40	80.0	83.40
		8		53.33	67.80	67.80	67.80



TYPICAL ELEVATION (XO)

GENERAL NOTES:

- 1.- THIS PRODUCT MEETS THE REQUIREMENTS OF FBC 5TH EDITION (2014).
- 2.- CONFIGURATIONS OX AND XO.
- 3.- SHUTTERS ARE NOT REQUIRED.
- 4.- FOR NUMBER OF ANCHORS FOR EACH UNIT SIZE REFER TO DESIGN PRESSURES CHART.
- 5.- FOR ANCHOR TYPE AND SPACING REFER TO TYPICAL ELEVATIONS AND SECTIONS ON SHEET 5 THRU 7.
- 6.- CONCRETE / MASONRY STRUCTURE FOR UNIT ATTACHMENT SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
 - CONCRETE STRENGTH $F_c'28 = 3000$ PSI MIN.
 - CMU AS PER ASTM C90. CMU MUST BE 8-INCH THICK, NORMAL WEIGHT BLOCKS WITH A MINIMUM COMPRESSIVE STRENGTH OF 1.9 KSI.
 - FILLED CMU $F_m' = 2000$ PSI MIN.
- 7.- USE NON-SHRINK, NON-METALIC HYDRAULIC CEMENT GROUT PER ASTM C1107/C1107M STANDARD SPECIFICATION FOR PACKAGED DRY.
- 8.- WOOD HOST STRUCTURE SHALL BE "SOUTHERN YELLOW PINE" $G= 0.55$ OR GREATER DENSITY.
- 9.- STEEL HOST STRUCTURE SHALL NOT BE LESS THAN 18 GAUGE. STEEL SHALL BE $F_y = 36$ KSI MIN.
- 10.- THE THICKNESS OF THE ALUMINUM HOST STRUCTURE SHALL NOT BE LESS THAN 1/8". ALUMINUM SHALL BE 6063-T6.
- 11.- 1X OR 2X WOOD BUCKS NOT INCLUDED IN THE SCOPE OF THIS PRODUCT APPROVAL SHALL BE PROPERLY ATTACHED TO SUSTAIN AND TRANSFER THE LOADS IMPOSED BY THE GLAZING SYSTEM TO THE STRUCTURE AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.
- 12.- ALUMINUM IN CONTACT WITH DISSIMILAR MATERIALS SHALL BE PROTECTED (BY OTHERS) AS SPECIFIED IN FBC 5TH EDITION (2014).

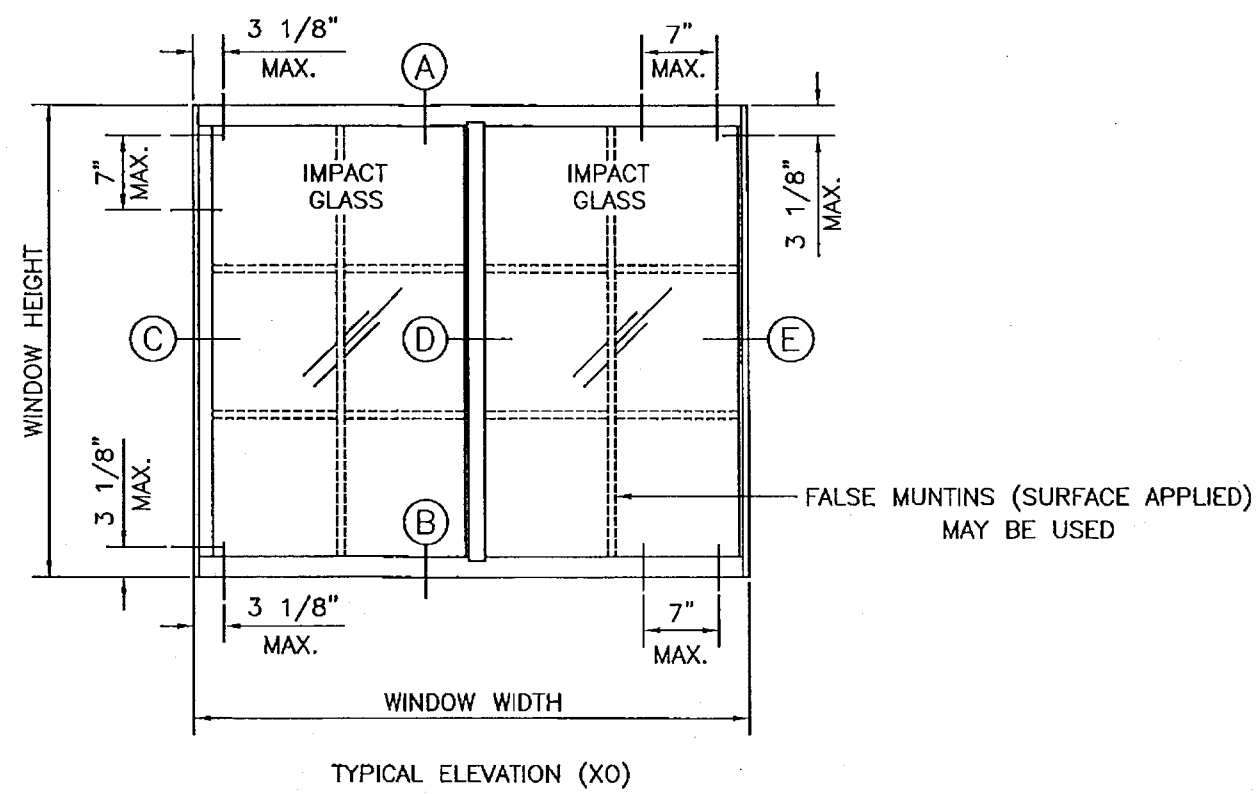
GLASS:

0.340" OVERALL LAMINATED GLASS USING TWO LITES OF
0.125" HEAT STRENGTHENED GLASS WITH A 0.090" INTERLAYER
FILM DUPONT BUTACITE PVB, BETWEEN THE TWO LITES OF GLASS.
LAMINATED BY TECNOGLASS OR SIMILAR.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1204.11
Expiration Date 04/10/2018
By Francisco Hernandez
Miami Dade Product Control

11-18-14
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

DESIGN PRESSURES CHART - PSF								
HEAT STRENGTHENED LAMINATED IMPACT RESISTANT GLASS								
WINDOW DIMENSION		ANCHOR SCHEDULE		HURRICANE PROTECTION IS NOT REQUIRED				
WIDTH	HEIGHT	PER HEAD & SILL	PER JAMB	1 3/4" SILL		3" SILL		
				EXT.	INT.	EXT.	INT.	
74"	38 3/8"	11	6	53.33	90.00	80.00	90.00	
	50 5/8"	11	8	53.33	90.00	80.00	90.00	
	37"	6		53.33	90.00	80.00	90.00	
	53 1/8"	8	9	53.33	90.00	80.00	90.00	
74"	63"	11		53.33	85.20	80.00	85.20	
	72"	11	7	53.33	90.00	80.00	90.00	
	48"	7		53.33	90.00	80.00	90.00	
	60"	9	9	53.33	90.00	80.00	90.00	
72"	60"	11		53.33	90.00	80.00	90.00	
	72"	11		53.33	90.00	80.00	90.00	



- GENERAL NOTES:**
- 1.- THIS PRODUCT MEETS THE REQUIREMENTS OF FBC 5TH EDITION (2014).
 - 2.- CONFIGURATIONS OX AND XO.
 - 3.- SHUTTERS ARE NOT REQUIRED.
 - 4.- FOR NUMBER OF ANCHORS FOR EACH UNIT SIZE REFER TO DESIGN PRESSURES CHART.
 - 5.- FOR ANCHOR TYPE AND SPACING REFER TO TYPICAL ELEVATIONS AND SECTIONS ON SHEET 5 THRU 7.
 - 6.- CONCRETE / MASONRY STRUCTURE FOR UNIT ATTACHMENT SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
 - CONCRETE STRENGTH $F_c'28 = 3000$ PSI MIN.
 - CMU AS PER ASTM C90. CMU MUST BE 8-INCH THICK, NORMAL WEIGHT BLOCKS WITH A MINIMUM COMPRESSIVE STRENGTH OF 1.9 KSI.
 - FILLED CMU $F_m' = 2000$ PSI MIN.
 - 7.- USE NON-SHRINK, NON-METALIC HYDRAULIC CEMENT GROUT PER ASTM C1107/C1107M STANDARD SPECIFICATION FOR PACKAGED DRY.
 - 8.- WOOD HOST STRUCTURE SHALL BE "SOUTHERN YELLOW PINE" $G= 0.55$ OR GREATER DENSITY.
 - 9.- STEEL HOST STRUCTURE SHALL NOT BE LESS THAN 18 GAUGE. STEEL SHALL BE $F_y = 36$ KSI MIN.
 - 10.- THE THICKNESS OF THE ALUMINUM HOST STRUCTURE SHALL NOT BE LESS THAN 1/8". ALUMINUM SHALL BE 6063-T6.
 - 11.- 1X OR 2X WOOD BUCKS NOT INCLUDED IN THE SCOPE OF THIS PRODUCT APPROVAL SHALL BE PROPERLY ATTACHED TO SUSTAIN AND TRANSFER THE LOADS IMPOSED BY THE GLAZING SYSTEM TO THE STRUCTURE AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO DOOR INSTALLATION.
 - 12.- ALUMINUM IN CONTACT WITH DISSIMILAR MATERIALS SHALL BE PROTECTED (BY OTHERS) AS SPECIFIED IN FBC 5TH EDITION (2014).

GLASS:
 0.340" OVERALL LAMINATED GLASS USING TWO LITES OF
 0.125" HEAT STRENGTHENED GLASS WITH A 0.090" INTERLAYER
 FILM DUPONT BUTACITE PVB, BETWEEN THE TWO LITES OF GLASS.
 LAMINATED BY TECNOGLASS OR SIMILAR.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **14-1204-11**
 Expiration Date **24/10/2018**
 By *[Signature]*
 Miami Dade Product Control

11-18-14

FRANCISCO HERNANDEZ
 FLORIDA PE # 51393

DRAWING No.
HS08-01

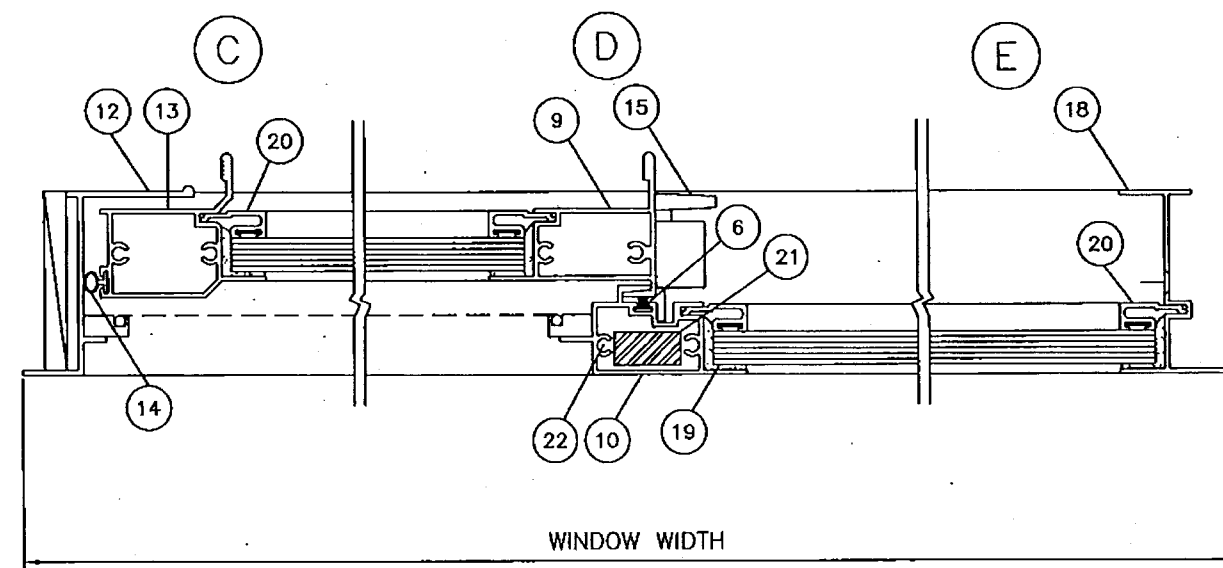
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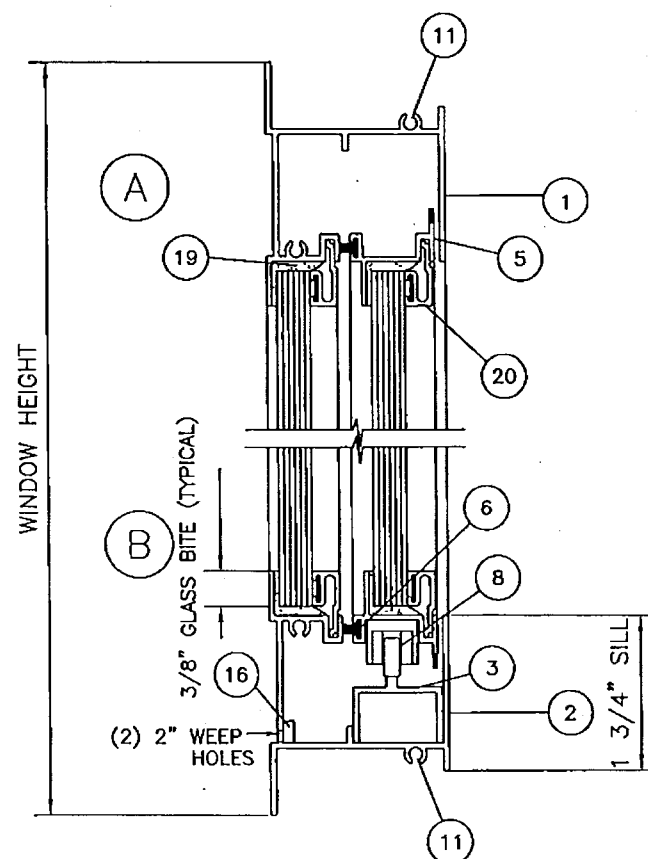
SHEET 2 OF 7

Sunshine Windows
 Manufacturing, Inc.
 1745 W. 33rd Place
 Hialeah, Florida 33012
 Ph: (305)364-9952
 Fax:(305)828-5118

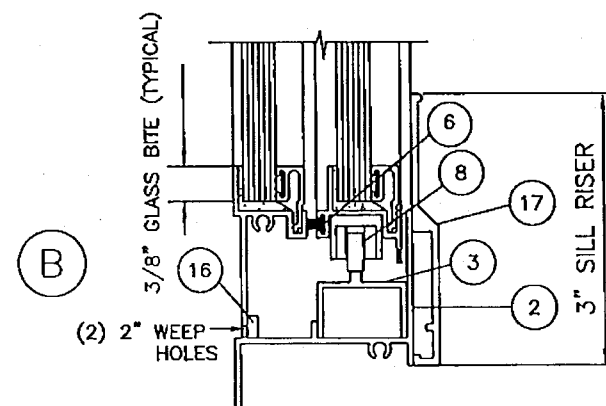
**SERIES 1650 ALUMINUM
 HORIZONTAL SLIDING WINDOW (XO)
 IMPACT RESISTANT GLASS**



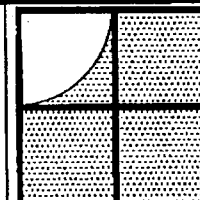
HORIZONTAL SECTION



VERTICAL SECTION



VERTICAL SECTION
WITH SILL RISER



Sunshine Windows
Manufacturing, Inc.
1745 W. 33rd Place
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Ph: (305)364-9952
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SERIES 1650 ALUMINUM
HORIZONTAL SLIDING WINDOW (XO)
IMPACT RESISTANT GLASS

No	DATE	REVISION
1	03-05-12	NO CHANGE THIS SHEET
2	11-18-14	REVISION IN COMPLIANCE WITH FBC 5TH EDITION (2014)

DRAWING No.
HS08-01

DATE: 03-14-08

SCALE: 1/2"=1"

SHEET 3 OF 7

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1204.11
Expiration Date 04/10/2018
by Francisco Hernandez
Miami Dade Product Control

Francisco Hernandez
4-25-15

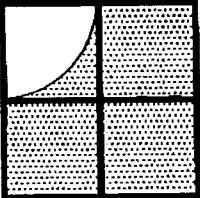
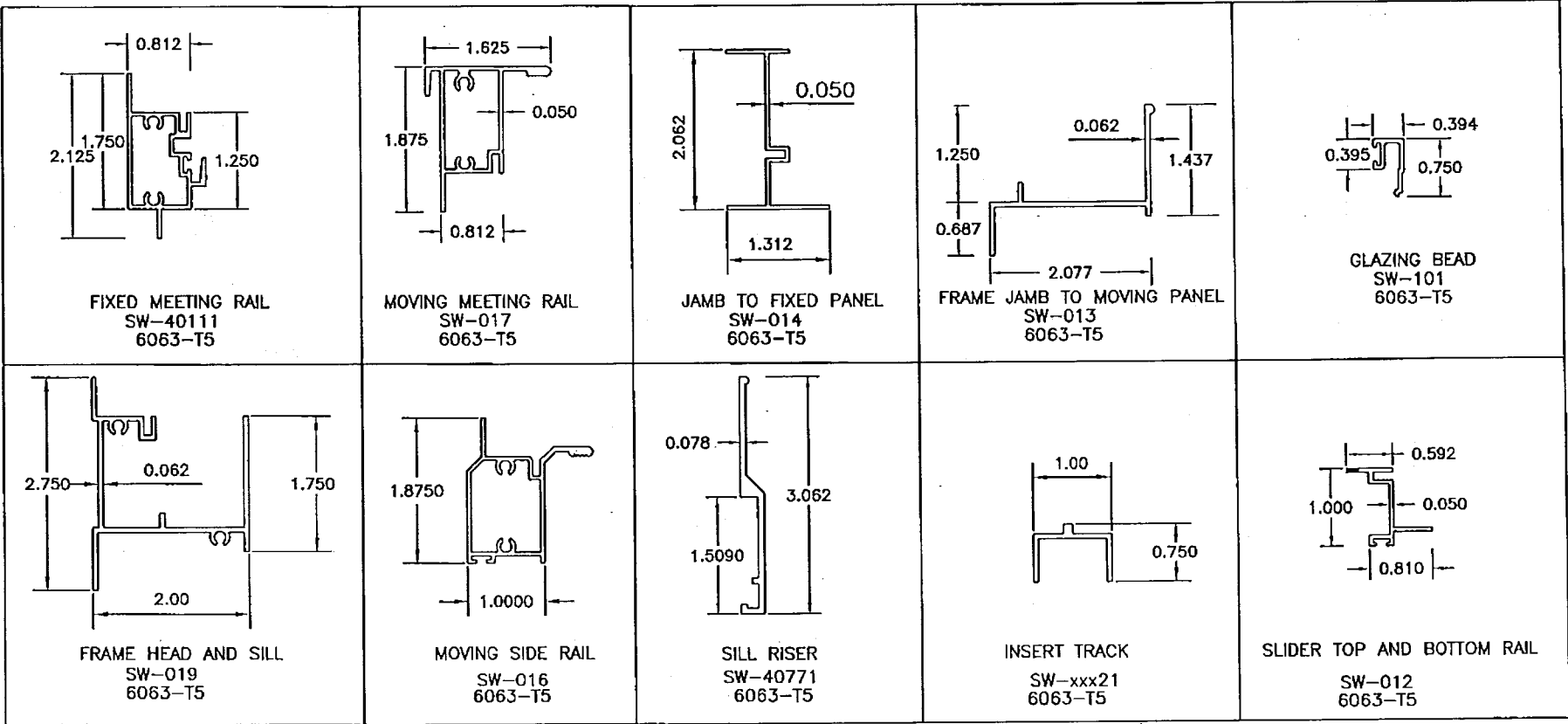
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

MATERIAL LIST

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL
1	SW-019	1	FRAME HEAD	6063-T5
2	SW-019	1	FRAME SILL	6063-T5
3	SWxxx21	1	INSERT TRACK	6063-T5
5	SW-012	2	SLIDER TOP/BOTTOM RAIL	6063-T5
6	SW3019	AS RQD	FIN SEAL PILE	FELT
8	SW321W	2	WHEEL	BRASS
9	SW-017	1	MOVING MEETING RAIL	6063-T5
10	SW40111	1	FIXED MEETING RAIL	6063-T5
11	SW-AS	AS RQD	ASSEMBLY SCREWS	# 8 X 1" SMS.
12	SW-013	1	JAMB TO MOVING PANEL	6063-T5

MATERIAL LIST

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL
13	SW-016	1	MOVING SIDE RAIL	6063-T5
14	SW3257	AS RQD	WEATHER STRIP BULB	VINYL
15	SW-667	AS RQD	LATCH	ZINC
16	SW-S10	2/SILL	RETICULATED FILTER	FOAM
17	SW40771	1	SILL RISER	6063-T5
18	SW-014	1	JAMB TO FIXED PANEL	6063-T5
19	-	AS RQD	SILICONE	PEC.-895
20	SW-101	AS RQD	IMPACT GLAZING BEAD	6063-T6
21	SW-STL	1	3/8" X 3/4" FLAT BAR	STEEL
22	SW-AS	4	ASSEMBLY SCREWS	# 8 X 2 1/2" SMS.



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Ph: (305)364-9952
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SERIES 1650 ALUMINUM
HORIZONTAL SLIDING WINDOW (XO)
IMPACT RESISTANT GLASS

REVISION	DATE	NO	DESCRIPTION
1	03-05-12	1	NO CHANGE THIS SHEET
2	11-18-14	2	REVISION IN COMPLIANCE WITH FBC 5TH EDITION (2014)

DRAWING No.
HS08-01

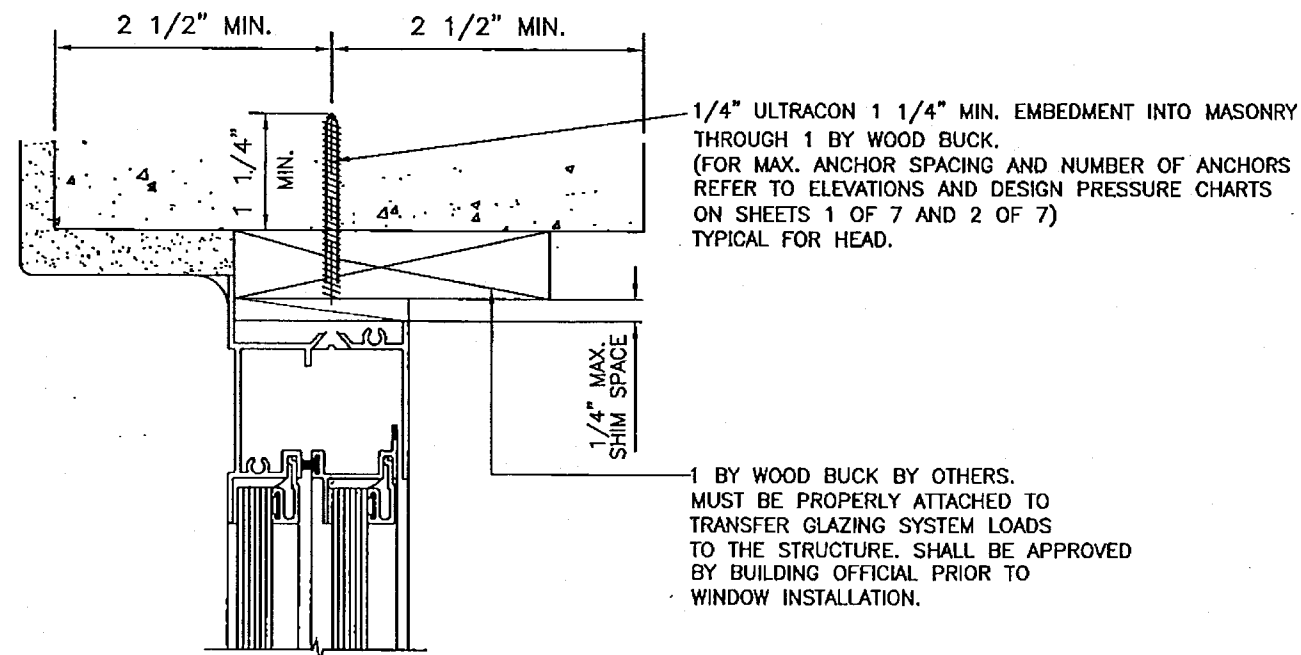
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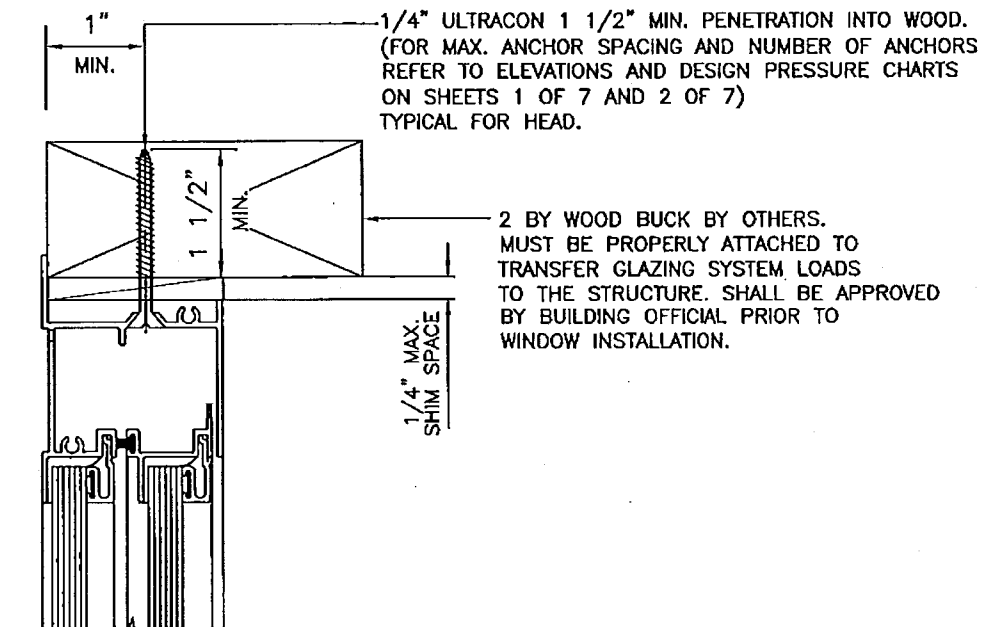
SHEET 4 OF 7

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1204.11
Expiration Date 04/10/2018
By: [Signature]
Miami Dade Product Control

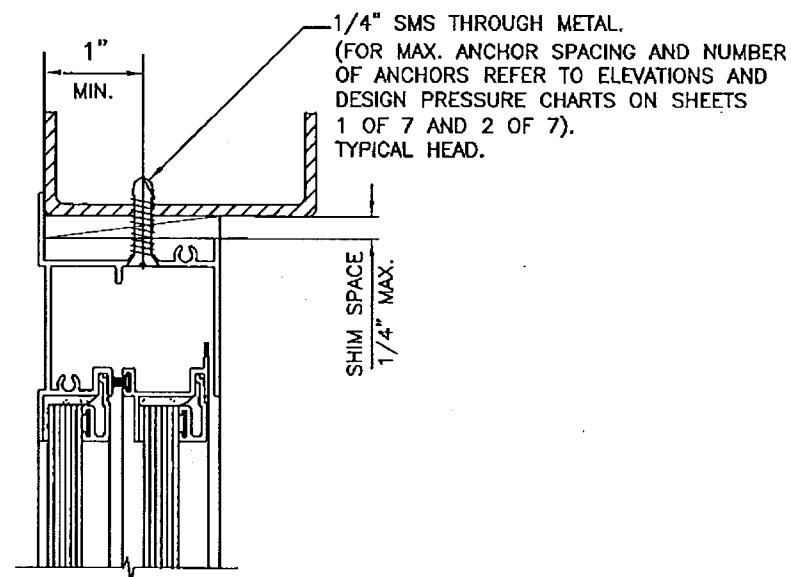
FRANCISCO HERNANDEZ
FLORIDA PE # 51393



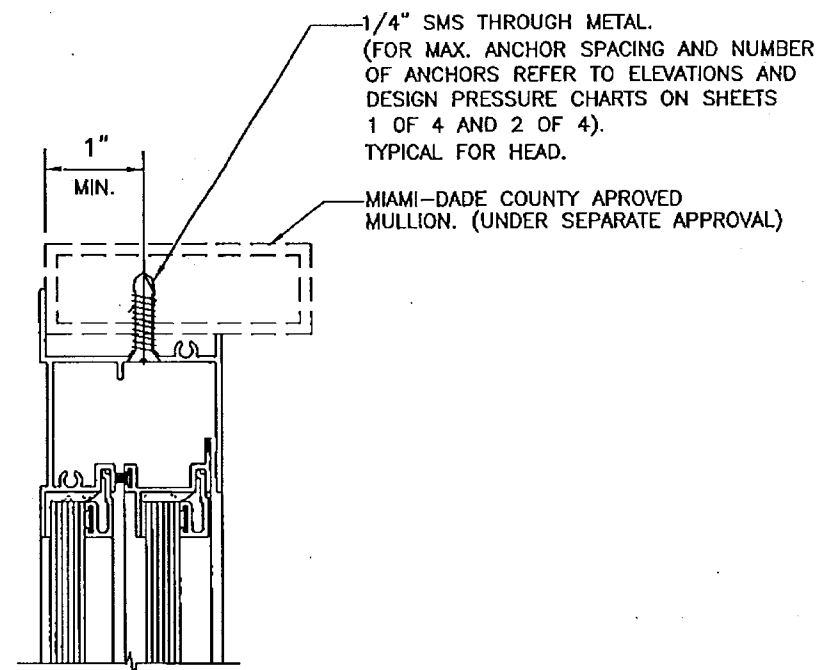
DETAIL A
ATTACHMENT TO MASONRY



DETAIL B
ATTACHMENT TO WOOD



DETAIL C
ATTACHMENT TO METAL STRUCTURE
(STEEL OR ALUMI. 1/8\"/>

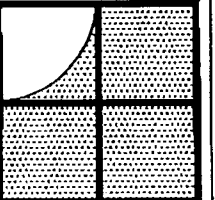


DETAIL C 1
ATTACHMENT TO MULLION

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1204-11
Expiration Date 04/10/2018
By *[Signature]*
Miami Dade Product Control

[Signature]
11-18-14

FRANCISCO HERNANDEZ
FLORIDA PE # 51393



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SERIES 1650 ALUMINUM
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IMPACT RESISTANT GLASS

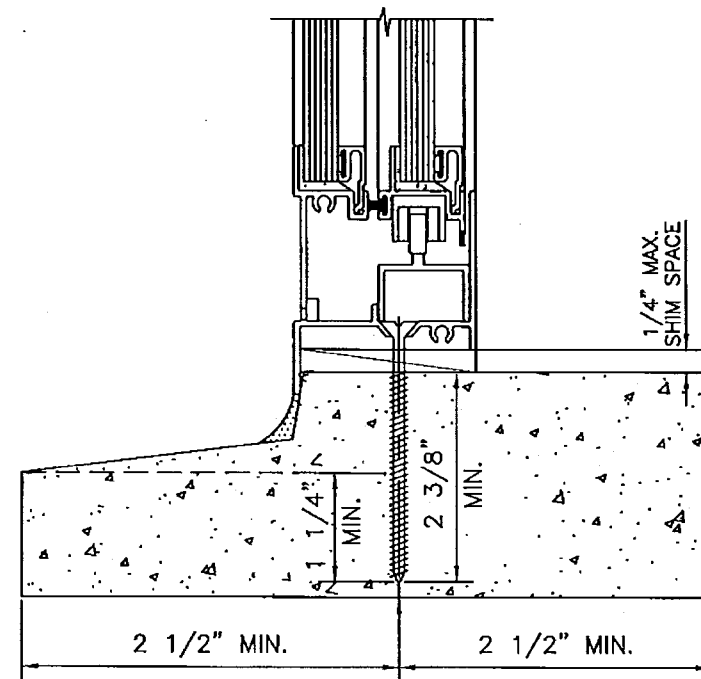
No	DATE	REVISION
1	03-05-12	UPDATED FOR 2010 FBC
2	11-18-14	REVISION IN COMPLIANCE WITH FBC 5TH EDITION (2014)

DRAWING No.
HS08-01

DATE: 03-14-08

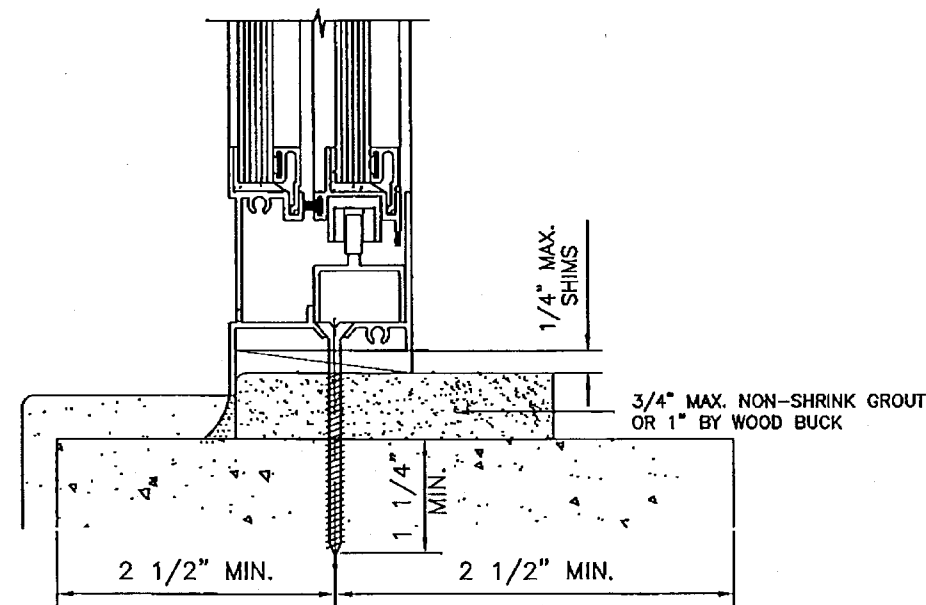
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SHEET 5 OF 7



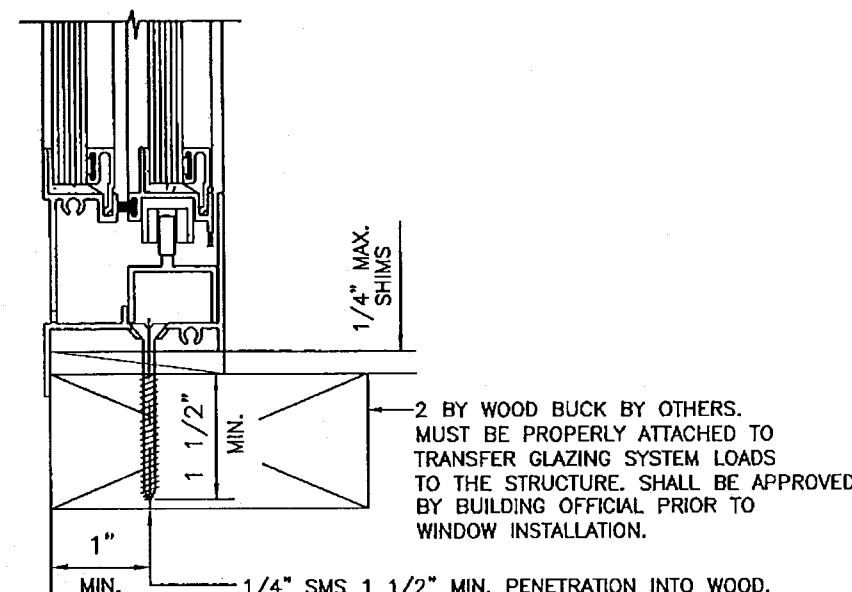
1/4" ULTRACON 1 1/4" MIN. EMBEDMENT INTO MASONRY (FOR MAX. ANCHOR SPACING AND NUMBER OF ANCHORS REFER TO ELEVATIONS AND DESIGN PRESSURE CHARTS ON SHEETS 1 OF 7 AND 2 OF 7) TYPICAL FOR SILL ONLY.

DETAIL D
ATTACHMENT TO PRE-CAST SILL



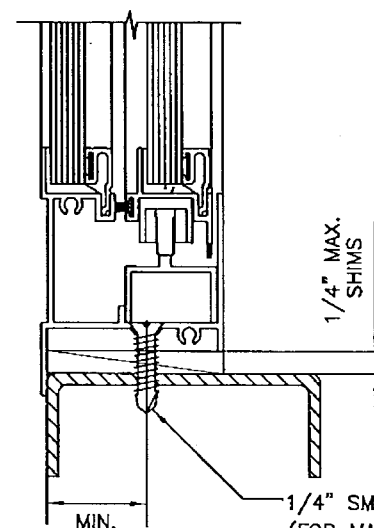
1/4" ULTRACON 1 1/4" MIN. EMBEDMENT INTO MASONRY THROUGH 1" BY WOOD BUCK OR NON-SHRINK NON-METALLIC GROUT (FOR MAX. ANCHOR SPACING AND NUMBER OF ANCHORS REFER TO ELEVATIONS AND DESIGN PRESSURE CHARTS ON SHEETS 1 OF 7 AND 2 OF 7). TYPICAL FOR SILL ONLY.

DETAIL E
ATTACHMENT TO MASONRY



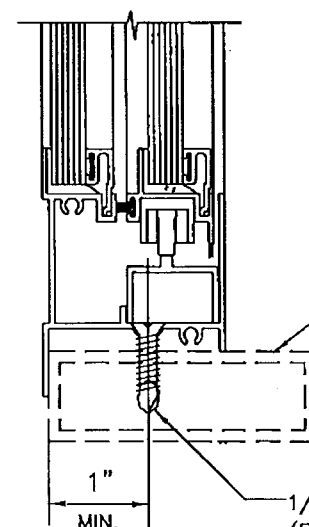
1/4" SMS 1 1/2" MIN. PENETRATION INTO WOOD. (FOR MAX. ANCHOR SPACING AND NUMBER OF ANCHORS REFER TO ELEVATIONS AND DESIGN PRESSURE CHARTS ON SHEETS 1 OF 7 AND 2 OF 7). TYPICAL FOR SILL.

DETAIL F
ATTACHMENT TO WOOD



(FOR MAX. ANCHOR SPACING AND NUMBER OF ANCHORS REFER TO ELEVATIONS AND DESIGN PRESSURE CHARTS ON SHEETS 1 OF 7 AND 2 OF 7). TYPICAL FOR SILL.

DETAIL G
ATTACHMENT TO METAL STRUCTURE
(STEEL OR ALUM. 1/8" MIN. THICKNESS)

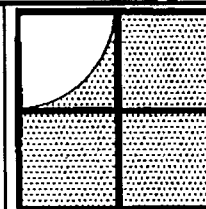


MIAMI-DADE COUNTY APPROVED MULLION. (UNDER SEPARATE APPROVAL)

(FOR MAX. ANCHOR SPACING AND NUMBER OF ANCHORS REFER TO ELEVATIONS AND DESIGN PRESSURE CHARTS ON SHEETS 1 OF 7 AND 2 OF 7). TYPICAL FOR SILL.

DETAIL G1
ATTACHMENT TO MULLION
(STEEL OR ALUM. 1/8" MIN. THICKNESS)

TYPICAL SILL SECTIONS



Sunshine Windows
Manufacturing, Inc.

1745 W. 33rd Place
Hialeah, Florida 33012
Ph: (305)364-9952
Fax: (305)828-5118

**SERIES 1650 ALUMINUM
HORIZONTAL SLIDING WINDOW (XO)
IMPACT RESISTANT GLASS**

NO	DATE	REVISION
1	03-05-12	UPDATED FOR 2010 FBC
2	11-18-14	REVISION IN COMPLIANCE WITH FBC 5TH EDITION (2014)

DRAWING No.
HS08-01

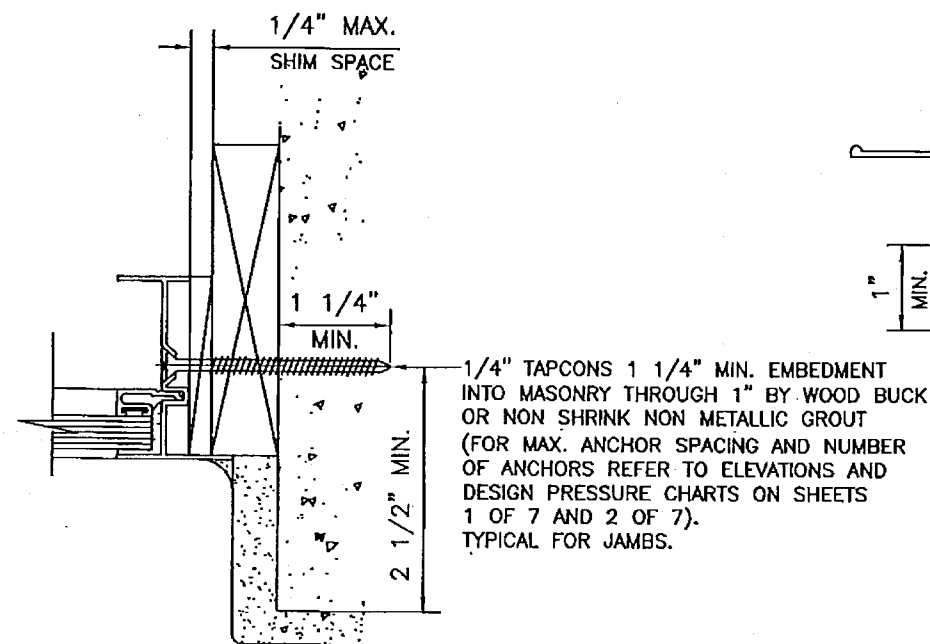
DATE: 03-14-08

SCALE: 1/2"=1"

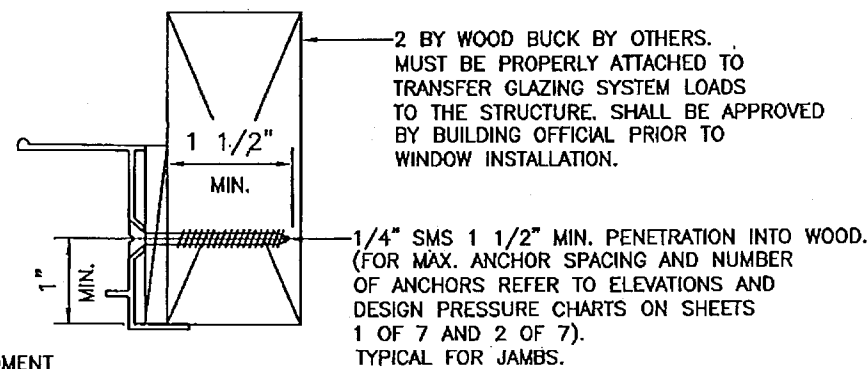
SHEET 6 OF 7

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1204.11
Expiration Date 04/10/2018
By: [Signature]
Miami Dade Product Control

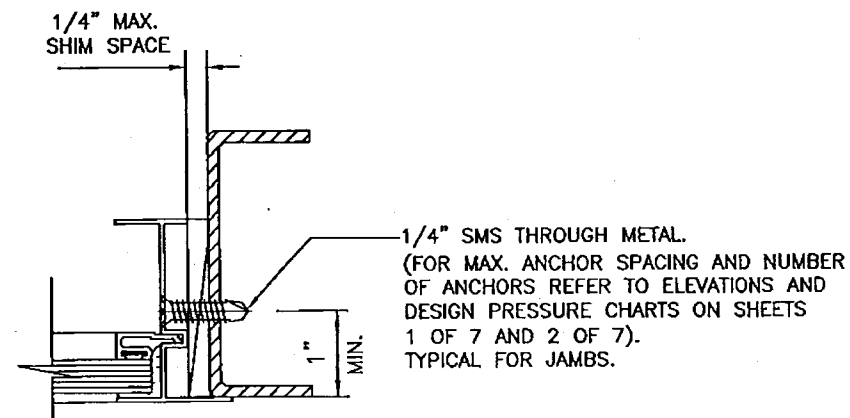
FRANCISCO HERNANDEZ
FLORIDA PE # 51393



DETAIL H
ATTACHMENT TO MASONRY

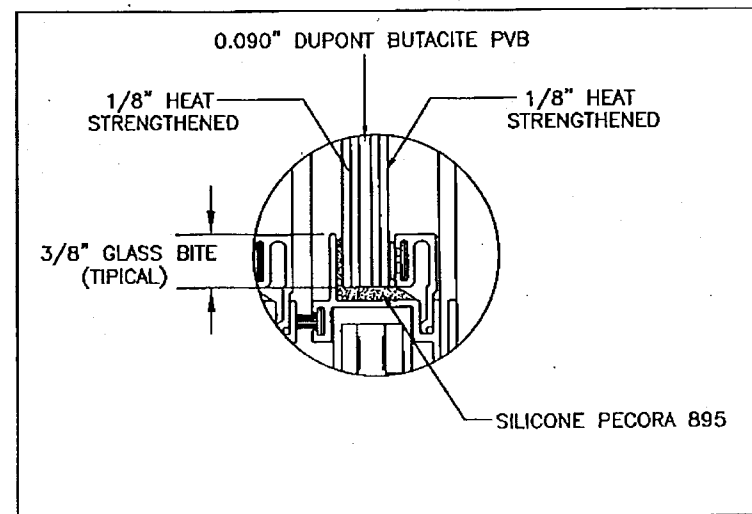


DETAIL I
ATTACHMENT TO WOOD

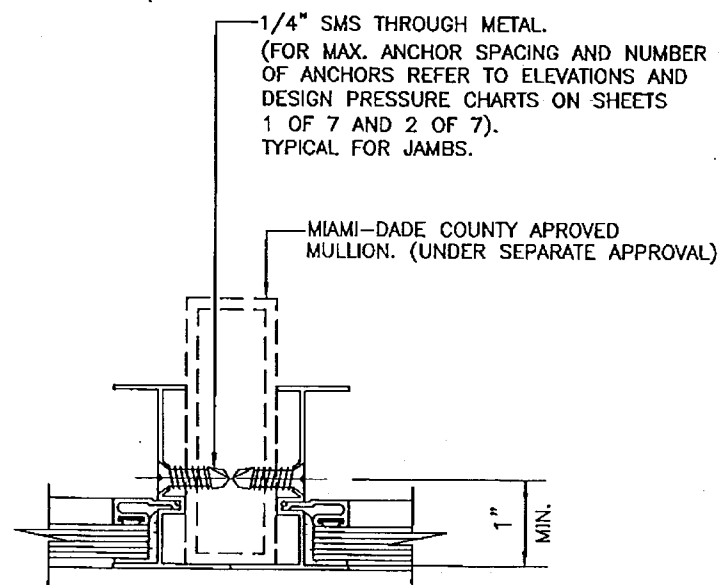


DETAIL J
ATTACHMENT TO METAL STRUCTURE
(STEEL OR ALUM. 1/8" MIN. THICKNESS)

GLAZING DETAIL

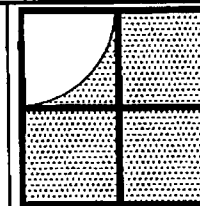


GLAZING: 0.340" OVERALL LAMINATED GLASS USING TWO LITES OF 0.125" HEAT STRENGTHENED GLASS WITH A 0.090" INTERLAYER FILM DUPONT BUTACITE PVB, BETWEEN THE TWO LITES OF GLASS. LAMINATED BY TECNOGLASS OR SIMILAR



ATTACHMENT TO MULLIONS DETAIL

TYPICAL JAMB SECTIONS



Sunshine Windows
Manufacturing, Inc.

1745 W. 33rd Place
Hialeah, Florida 33012
Ph: (305)364-9952
Fax: (305)828-5118

SERIES 1650 ALUMINUM
HORIZONTAL SLIDING WINDOW (XO)
IMPACT RESISTANT GLASS

NO	DATE	REVISION
1	03-05-12	NO CHANGE THIS SHEET
2	11-18-14	REVISION IN COMPLIANCE WITH FBC 5TH EDITION (2014)

DRAWING No.
HS08-01

DATE: 03-14-08

SCALE: 1/2"=1"

SHEET 7 OF 7

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1204-11
Expiration Date 04/10/2018
by Francisco Hernandez
Miami Dade Product Control

FRANCISCO HERNANDEZ
FLORIDA PE # 51393